

# COUNTY OF YORK

## MEMORANDUM

DATE: December 11, 2001 (BOS Mtg. 12/18/01)

TO: York County Board of Supervisors

FROM: James O. McReynolds, County Administrator

SUBJECT: Six-Year Secondary Road Improvement Program—FY2002-03 through FY2007-08

### Issue

Every year the Board of Supervisors must review and adopt a priority listing for the use of the secondary road improvement funds projected to be allocated to York County over the next six years and a construction budget for the first year of the program (FY2002/03). The Code of Virginia requires that public comment be solicited through a duly advertised public hearing jointly conducted by the Board of Supervisors and the Virginia Department of Transportation (VDOT). Following the public hearing, the Board recommends a priority listing to VDOT. The Board conducted a work session on September 25<sup>th</sup> to discuss potential projects with Mr. Quintin Elliott, VDOT Resident Engineer, and provide its guidance and direction to staff. The proposed projects and priorities discussed in this memorandum reflect the results of that work session.

### Considerations

1. The six-year funding window allows projects to be prioritized such that engineering and right-of-way acquisition can proceed in advance of construction funding. In this manner, projects move through the program in a logical pattern that accommodates the often long lead times necessary to undertake significant improvements. Attachment 1 lists the projects that have been included on the Six-Year Secondary Plan between 1991 and 2001.

Over the next six-year funding period, VDOT estimates that approximately \$15 million will be available for allocation to the County's secondary road system. Annual allocations are projected as follows:

2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008
\$2,254,684	\$2,445,698	\$2,546,196	\$2,663,772	\$2,539,322	\$2,539,322

Approximately \$170,000 annually is deducted from the budgeted allocation to cover the costs of various incidental services VDOT provides in conjunction with the Secondary Roads System. These costs include plan review, culvert installation, miscellaneous signage, etc. In addition, funds are periodically taken “off the top” for streets being im-

proved through the Rural Additions program, as is the case with the \$190,000 proposed to be allocated to the Kay Lane project. Thus, slightly less than \$14 million is anticipated to be available over the six-year plan cycle for actual Secondary System road improvement projects.

2. The program proposed for adoption represents essentially the same list of priorities as was developed last year by the Board of Supervisors (see *Adopted* and *Proposed* columns of Attachment 2 - Comparison and Status Summary). Sixteen projects are included, all but one of which have been carried over from last year's program. The one new project being proposed is the Water Country Parkway relocation and reconstruction between Route 199 and Penniman Road.

The estimated cost of each project is shown in **bold type** in the Project column of the chart. The figures in parentheses indicate supplementary funding from a source other than the Secondary System allocations. The sixteen improvement projects have a total estimated cost of \$25,631,000. Currently, \$5,751,000 is budgeted from other sources (RSTP, Revenue Sharing Program), meaning that approximately \$5,900,000 in project costs will need to be covered by allocations beyond this 6-year planning period or from supplementary sources.

3. The suggested changes in the Six-Year Plan are as follows:

- **Water Country Parkway (Proposed Project 7):** This project would establish a new alignment for Water Country Parkway between Route 199 and Penniman Road. The intent of this project is to improve access from Route 199 to the extensive land area, both developed and undeveloped, that is zoned EO-Economic Opportunity and located on the Penniman Road corridor flanking both sides of Interstate 64. Currently, Water Country Parkway is a narrow, "s-curved" roadway that has T-intersections with both Route 199 and Penniman Road. The proposed alignment would provide a wider cross section and a more gentle curvature that would better accommodate commercial and light industrial traffic. The preliminary design concept would link Water Country Parkway and Alexander Lee Parkway as a continuous road section and Penniman Road would be re-configured to have a T-intersection with the new roadway. This would improve traffic movements and flow into this important economic development priority area.

The Board of Supervisors' FY 2000 Revenue Sharing Program allocated \$167,200 to be applied toward the preliminary engineering for this project. VDOT has begun the initial project scoping, and a conceptual layout is being reviewed. Preliminary estimates put the total project cost at approximately \$850,000. It is possible that future Revenue Sharing Program allocations could be used to fund all or a portion of the remainder (approximately \$700,000). However, staff believes it would be appropriate to add the project to the Secondary Plan to ensure that it still can be implemented in the event there are other

priorities for Revenue Sharing Program allocations. In addition, having the project listed in the Secondary Six-Year Plan allows Revenue Sharing Program funds to be pledged over several program years, as opposed to requiring the full project cost to be covered in a single year. In summary, staff believes this project has significant potential to stimulate economic development and, in that regard, recommends a multi-pronged approach (Secondary Six-Year Plan and Revenue Sharing Program) to secure funding for its completion.

- **Burts Road (Proposed Project 10):** This project would improve Burts Road south of the point where it will intersect with the proposed Burts Road/Grafton Drive connector. The improvements would extend south to Oriana Road. Last year's adopted plan shows this project as #13 on the priority list. After discussion, both VDOT and the County staff recommend that it be advanced to #10 on the priority list, immediately following its companion projects (#8 - the Grafton Drive/Route 17 intersection; and, #9 - the segment south to existing Burts Road). Doing so will ensure better coordination among the three separate projects and a more timely completion of the entire new (upgraded) corridor, which has the potential to divert some traffic from Route 17.
4. The impact of adding a project and shifting the priority of another can be seen on the attached Comparison and Status Summary sheet. Under the Current Status column, the currently projected (per VDOT) advertising date for each project's construction contract is shown in **bold type** and the previously projected ad date is shown in *italics*. Some of the dates have been extended by VDOT as a result of process issues - e.g., the additional time required to complete environmental studies, construction engineering drawings, etc. - while others are extended because of shifts in projected funding allocations among the various projects. For example, adding the Water Country Parkway project and advancing the third component of the Burts Road/Grafton Drive project from Priority 13 to Priority 10 cause ripple effects throughout the six years of the Plan. Most significantly impacted are the: Yorkville Road project (pushed back from 2003 to 2006); Seaford Road (pushed back from 2005 to beyond 2007); and, Allens Mill Road (pushed back from 2006 to beyond 2007).
  5. In addition to the projects listed in the current and proposed Six-Year Plan, staff has identified two other projects that it believes will need to be considered in the future. They are:
    - **Penniman Road** - between relocated Water Country Parkway and Route 199: This road segment serves an area zoned EO-Economic Opportunity and IL-Limited Industrial. Several light industrial uses exist along this road and additional uses are under construction or being planned. Improvements to this road could enhance its potential for additional economic development.
    - **Mansion Road:** Several subdivision proposals currently under review will result

in further development in the Mansion Road area. These projects will depend on Mansion Road for either primary or secondary access. While there may be some improvements as a result of these proposed developments, staff anticipates that future improvements may be necessary and desirable and believes that this potential project needs to be “on the radar screen” for future consideration.

6. The Comprehensive Plan specifically recommends improvements to all of the projects listed in the proposed Six Year Plan except Water Country Parkway and Burts Road. However, those two projects, although not specifically listed, are consistent with several of the transportation objectives stated in the Comprehensive Plan.

7. The construction budget proposed by Mr. Elliott for FY2002-03 is as follows:

• \$170,000	Total Countywide Allocation for incidentals (culverts, etc.)
• \$225,676	Mooretown Road (project completion)
• \$140,000	Kay Lane – Rural Addition
• \$81,933	Lakeside Drive
• \$390,801	Big Bethel Road Intersections
• \$430,000	Penniman Road (Alexander Lee to Fillmore)
• \$165,913	Carys Chapel / Victory Blvd intersection
• \$149,113	Water Country Parkway relocation
• \$302,259	Burts Road
• \$60,000	Yorkville Road
• \$138,989	Yorktown Road
\$2,254,684	

These allocations will either complete the funding for a particular project or provide a sufficient incremental amount to keep preliminary engineering or other project sequencing on track.

#### **PLANNING COMMISSION RECOMMENDATION**

The Planning Commission considered the proposed Secondary Six Year Plan at its November 14, 2001 meeting and found it to be fully in accordance with the Comprehensive Plan, as required by the Code of Virginia. Accordingly, the Commission recommended approval by a vote of 5:0.

#### **COUNTY ADMINISTRATOR’S RECOMMENDATION**

I recommend that the Board approve the priority rankings for the FY2002-03 to FY 2007-08 Secondary Six-Year Plan and the FY 2002/03 Construction Budget through the adoption of proposed Resolution No. R01-215.

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Attachments

- 10-Year Summary Listing of Projects (1991 to 2001)
- Six-Year Secondary Road Construction Plan – Current and Proposed Comparison and Status Summary
- Project Maps
- PC Resolution No. PC01-40
- Proposed Resolution No. R01-215

Copy to: Quintin D. Elliott, Resident Engineer, Virginia Department of Transportation